

Table E7.gen. Electricity generation: Japan, High Oil Price case

billion kilowatthours

Fuel	2020	2025	2030	2035	2040	2045
Liquid fuels	48	48	25	15	9	5
Natural gas	367	380	396	353	334	334
Coal	283	278	274	328	328	275
Nuclear	58	115	139	139	121	102
Renewables	204	214	228	257	326	437
Hydro	86	86	86	86	86	86
Wind	11	20	34	62	120	240
Geothermal	3	3	3	3	3	3
Solar	92	92	92	92	92	92
Other	11	11	12	13	24	14
Net generation to grid	959	1,035	1,063	1,092	1,119	1,153

Sources: U.S. Energy Information Administration (EIA), World Energy Projection System (2021), run hp_210719.163813.

Notes:

* Totals may not equal sum of components due to independent rounding.

* *Net generation to grid* represents gross generation less losses from thermal efficiency and parasitic load.

Average annual percentage change,	
2050	2020–2050
2	-10.1
332	-0.3
203	-1.1
102	1.9
546	3.3
86	0.0
349	12.3
3	0.0
92	0.0
15	1.1
1,185	0.7